1

2 452 (73/168).ccls. USPAT 2004, 09:50 3 14744 (hand or manual) near5 pump\$ USPAT 2004, 11:04 4 17 ((73/168).ccls.) and ((hand or manual) USPAT 2004, near5 pump\$)	/08/23 0 /08/23 4 /08/23 4 /08/23
2 452 (73/168).ccls. USPAT 2004, 09:50 3 14744 (hand or manual) near5 pump\$ USPAT 2004, 11:04 4 17 ((73/168).ccls.) and ((hand or manual) USPAT 2004, 10:04	/08/23 0 /08/23 4 /08/23 4 /08/23
3 14744 (hand or manual) near5 pump\$ USPAT 2004, 11:04 4 17 ((73/168).ccls.) and ((hand or manual) USPAT 2004, near5 pump\$) USPAT 2004, 09:54	/08/23 4 /08/23 4 /08/23
4 17 ((73/168).ccls.) and ((hand or manual) USPAT 2004, near5 pump\$) 09:54	/08/23 4 /08/23
	/08/23
5 3 (((73/168).ccls.) not (((73/168).ccls.) USPAT 2004,	
and ((hand or manual) near5 pump\$))) and dispenser	4
	/08/23
manual) near5 pump\$)) or	
(((((73/168).ccls.) not (((73/168).ccls.) and ((hand or manual) near5 pump\$))) and	
dispenser)) 7	/08/23
or (((73/168).ccls.) and ((hand or manual) near5 pump\$)) or	5
((((73/168).ccls.) not (((73/168).ccls.) and ((hand or manual) near5 pump\$))) and	
dispenser))	/08/23
or manual\$) near5 pump\$ 11:09	
11:04	4
near5 dispenser) 11:04	·
11 404 (test\$ or inspect\$ or check\$) near6 (hand USPAT 2004, or manual\$) near5 (pump or dispenser) 11:00	/08/23 6
	/08/23 6
(pump or dispenser)	/08/23
or manual\$) near7 (hand or manual\$) near5 (pump or pumps or dispensing or	1
dispenser)	/00/22
near12 (pump or pumps or dispensing or 11:0	/08/23 7
	/08/23
(hand or manual\$) near7 (hand or manual\$) near5 (pump or pumps or dispensing or	7
dispenser)) and ((soap or window or cleaner or cleaning) near12 (pump or	
pumps or dispensing or dispenser))	/08/23
inspect\$ or check\$) near6 (hand or 11:22	
manual\$) near7 (hand or manual\$) near5 (pump or pumps or dispensing or	
	/08/23
inspect\$ or check\$) near6 (hand or manual\$) near8 (pump or pumps or	7
dispensing or dispenser) 18 24 ((automatic\$ or computer) near13 (test\$ USPAT 2004.	/08/23
or inspect\$ or check\$) near6 (hand or manual\$) near8 (pump or pumps or	2
dispensing or dispenser)) not ((automatic\$ or computer) near13 (test\$	
or inspect\$ or check\$) near6 (hand or	
manual\$) near7 (hand or manual\$) near5 (pump or pumps or dispensing or	
	/08/23
inspect\$ or check\$) near6 (hand or manual\$) near8 squeeze near3 bottle	7



20	0	(test\$ or inspect\$ or check\$) near6 (hand	USPAT	2004/08/23
		or manual\$) near8 squeeze near3 bottle		11:27
21	0	(automatic\$ or computer) near13 (test\$ or	USPAT	2004/08/23
		inspect\$ or check\$) near8 squeeze near3		11:28
		bottle		
22	0	(automatic\$ or computer) near13 (test\$ or	USPAT	2004/08/23
		inspect\$ or check\$) near8 squeeze near3	:	11:35
		bottles		
23	13	(USPAT	2004/08/23
		squeeze near3 bottles		11:35